Atty. Dkt. No. AM-5209

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration	is	of	the	followin	g ty	pe:
------------------	----	----	-----	----------	------	-----

[X] original[] divisional[] continuation[] continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

Use of a Barrier Sputter Reactor to Remove an Underlying Barrier Layer

SPECIFICATION IDENTIFICATION

The specification of which:

	is attached hereto
[X]	was filed on 11/01/2000, under Serial No. 09/704,161, executed on even date herewith; or [
	Express Mail No.(as Scrial No. not yet known) and was amended on(if applicable)
[]	was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

['] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also Centified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s)

designating at least one country other than the United States of America filed by me on the same subject matter
having a filing date before that of the application(s) of which priority is claimed.

[X] No such applications have been filed.[] Such applications have been filed as follows:

A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

Country/PCT Application No Date Filed Priority Claimed
[] Yes [] No
[] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, [112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[X] No such applications have been filed

[] Such applications bave been filed, as follows:

Serial No. Filing Date Patented Pending Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Michael B. Einschlag Registration No. 29,301 Joseph Bach Registration No. 37,771 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Sarah J. Brashcars Registration No. 38,087 Charles S. Guenzer Registration No. 30,640 Send correspondence to:

Direct telephone calls to:

Applied Materials, Inc.

Patent / Legal Dept., M/S 2061

P.O. Box 450A

Santa Clara, CA 95052

Charles S. Guenzer (650) 566-8040

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon

Tull harrie of sofe of 1	irst inventor: Ling CHEN	
Inventor's signature:	1600	Date: 2-21-01
Residence:	Sunnyvale, California	
Post Office Address:	784 Dartshire Way	
	Sunnyvale, California 94087	
	U.S.A.	Country of Citizenship: People's Republic of China
Full name of second in	aventor: Seshadri GANGULI	
Incompanie alemana	\$-1/1·	Date: 02 210
Inventor's signature: Residence:	Sunnyvale, California	Date: 02 21 0
Post Office Address:	713 Golden Dak Drive, #7	'
rost Office Address.	Sunnyvale, California 94086	
	U.S.A.	Country of Citizonship, India
	0.5.A.	Country of Citizenship: India
Full name of third inv		42/2/2/
Inventor's signature:	W	Date: 02/21/01
Inventor's signature:	Milpitas, California	Date: 02/21/01
Inventor's signature:	Milpitas, California 1223 Elkwood Drive	Date: 02/21/01
Inventor's signature:	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035	!
Inventor's signature:	Milpitas, California 1223 Elkwood Drive	Date: 02/21/01 Country of Citizenship: People's Republic of China
Inventor's signature:	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035 U.S.A.	Country of Citizenship: People's Republic of China
Inventor's signature: Residence: Post Office Address: Full name of fourth in	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035 U.S.A. Aventor: Christophe MARCADA	Country of Citizenship: People's Republic of China
Inventor's signature:Residence: Post Office Address: Full name of fourth in Inventor's signature:	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035 U.S.A. Eventor: Christophe MARCADA	Country of Citizenship: People's Republic of China
Inventor's signature:Residence: Post Office Address: Full name of fourth in Inventor's signature:Residence:	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035 U.S.A. Christophe MARCADA Sapta Mara, California	Country of Citizenship: People's Republic of China
Inventor's signature:Residence: Post Office Address: Full name of fourth in Inventor's signature:	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035 U.S.A. Christophe MARCADA Sapta Chara, California 3657 Pruneridge Avenue, #126	Country of Citizenship: People's Republic of China
Inventor's signature:Residence: Post Office Address: Full name of fourth in Inventor's signature:Residence:	Milpitas, California 1223 Elkwood Drive Milpitas, California 95035 U.S.A. Christophe MARCADA Sapta Mara, California	Country of Citizenship: People's Republic of China

(Declaration ends with this page)